

# WEST Search History

DATE: Wednesday, January 29, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side		result set	
<i>DB=USPT,PGPB,JPAB,EPAB; PLUR=YES; OP=OR</i>			
L15	L14 and stomach	16	L15
L14	L13 and (ser or gly or octanoyl or phe)	143	L14
L13	L11 and ghrh	193	L13
L12	L11 abd ghrh	7332	L12
L11	"growth hormone" and antagonist\$	4588	L11
L10	gssf\$	5	L10
L9	gssflspe\$	0	L9
L8	gssflspe	0	L8
L7	gssf	2	L7
L6	L5gssf	0	L6
L5	ghrelin\$	20	L5
L4	ghrelin?	2	L4
L3	ghrelin	20	L3
L2	L1	0	L2
<i>DB=USPT; PLUR=YES; OP=OR</i>			
L1	ghrelin\$	0	L1

END OF SEARCH HISTORY

- NEWS LOGIN Welcome Banner and News Items
- NEWS PHONE Direct Dial and Telecommunication Network Access to STN
- NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 10:59:44 ON 29 JAN 2003

FILE 'REGISTRY' ENTERED AT 10:59:58 ON 29 JAN 2003  
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 28 JAN 2003 HIGHEST RN 482573-45-5  
DICTIONARY FILE UPDATES: 28 JAN 2003 HIGHEST RN 482573-45-5

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See **HELP CROSSOVER** for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

```
=> e gssf/sqep
E1      1      GSSEVENCKV/SQEP
E2      1      GSSEVPQNNPDLQAHAGK/SQEP
E3      3 --> GSSF/SQEP
E4      1      GSSFFVATGFHGLHVLIGTTFLFICFLRLITFHFSNNHFGFEAAAWYWHFVDVWLFY
ICICWWGS/SQEP
E5      1      GSSFFYRTLYFSLLSRQKLYDLSMSEEFQESEVIFSDESFTRKDKNKNHNNENYERKSTE
KDKISSLSPVRIPSRTTIRYTEECEMTPPHVIIEKRRTEAQMAFSFCTLKGRDLSRHRNTV
LRMTAFWK/SQEP
E6      1      GSSFIILCHILYSAFSTNKIQHLKQICNEKYFVLGKNVVHQLSVTLEDLYNGATRKLALQ
KNVICDKCEG/SQEP
E7      2      GSSFK/SQEP
E8      2      GSSFL/SQEP
E9      1      GSSFLGGSPSVAQAGVHLPDHGSLQ'AAA'DKSPSVQKMSKWIGCSGACL'AAA'SQLLR
RLRCQGRLSP'AAA'GQACSEP'AAA'SGRCTPAWATEGDPPKKLLPYTTDS/SQEP
E10     1      GSSFLK/SQEP
E11     1      GSSFLS/SQEP
```

```

E12          1      GSSFLSK/SQEP

=> s gssf/sqep
      3 GSSF/SQEP
      54094 SQL=4
L1          3 GSSF/SQEP
            (GSSF/SQEP AND SQL=4)

=> e gssflspe /sqep
E1          1      GSSFLSK/SQEP
E2          9      GSSFLSP/SQEP
E3          2 --> GSSFLSPE/SQEP
E4          1      GSSFLSPEAKLQPR/SQEP
E5          6      GSSFLSPEH/SQEP
E6          4      GSSFLSPEHQ/SQEP
E7          1      GSSFLSPEHQELQRKEAKKPSGRLKPRTELEGQFDPEVGSQAEGAEDLEIRFNAPFNIGI
            KLAGAQSLQHGQTLGK/SQEP
E8          1      GSSFLSPEHQK/SQEP
E9          1      GSSFLSPEHQKAQQR/SQEP
E10         1      GSSFLSPEHQKAQQRKES/SQEP
E11         9      GSSFLSPEHQKAQQRKESKKPPAKLQPR/SQEP
E12         1      GSSFLSPEHQKAQQRKESKKPPAKLQPRALEGWLHPEDRGQAEEAEELEIRFNAPFDVG
            IKLSGAQYQQHGRALGKFLQDILWEEVKEAPANK/SQEP

=> s gssflspe /sqep
      2 GSSFLSPE/SQEP
      43659 SQL=8
L2          2 GSSFLSPE /SQEP
            (GSSFLSPE/SQEP AND SQL=8)

=> e gssfaklqpr /sqep
E1          1      GSSEVPQNNPDLQAHAGK/SQEP
E2          3      GSSF/SQEP
E3          0 --> GSSFAKLQPR/SQEP
E4          1      GSSFFVATGFHGLHVLTTFIFICFLRLITFHFSNNHHFGEEAAAWYWHFVDVVWLFLY
            ICICWWSG/SQEP
E5          1      GSSFFYRTLYFSLLSRQKLYDLSMSEEFQESEEVIFSDESFTRKDKNSHNNENYERKSTE
            KDKISSLPRIPSRTTIRYTEECEGEMTPPHVIIEKRRTEAQMAFSFCTLKGRDLSRHRNTV
            LRMTAFWK/SQEP
E6          1      GSSFIILCHILYSAFSTNKIQHLQICNEKYFVLGKNVVHQLSVTLEDLYNGATRKLALQ
            KNVICDKCEG/SQEP
E7          2      GSSFK/SQEP
E8          2      GSSFL/SQEP
E9          1      GSSFLGGSPSVAQAGVHLPDHGSLQ'AAA'DKSPSVQKMSKWIGCSGACL'AAA'SQLLR
            RLRCQGRSLSP'AAA'GQACSEP'AAA'SGRCTPAWATEGDPPKKLLPYTTDS/SQEP
E10         1      GSSFLK/SQEP
E11         1      GSSFLS/SQEP
E12         1      GSSFLSK/SQEP

=> e gssflspeaklqpr/sqep
E1          9      GSSFLSP/SQEP
E2          2      GSSFLSPE/SQEP
E3          1 --> GSSFLSPEAKLQPR/SQEP
E4          6      GSSFLSPEH/SQEP
E5          4      GSSFLSPEHQ/SQEP
E6          1      GSSFLSPEHQELQRKEAKKPSGRLKPRTELEGQFDPEVGSQAEGAEDLEIRFNAPFNIGI
            KLAGAQSLQHGQTLGK/SQEP
E7          1      GSSFLSPEHQK/SQEP
E8          1      GSSFLSPEHQKAQQR/SQEP
E9          1      GSSFLSPEHQKAQQRKES/SQEP
E10         9      GSSFLSPEHQKAQQRKESKKPPAKLQPR/SQEP
E11         1      GSSFLSPEHQKAQQRKESKKPPAKLQPRALEGWLHPEDRGQAEEAEELEIRFNAPFDVG
            IKLSGAQYQQHGRALGKFLQDILWEEVKEAPANK/SQEP
E12         1      GSSFLSPEHQKAQQRKESKKPPAKLQPRY/SQEP

```

```
=> s gssflspeaklqpr/sqep
    1 GSSFLSPEAKLQPR/SQEP
    35789 SQL=14
L3      1 GSSFLSPEAKLQPR/SQEP
          (GSSFLSPEAKLQPR/SQEP AND SQL=14)
```

```
=> file ca
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY          SESSION
FULL ESTIMATED COST          22.10          22.31
```

FILE 'CA' ENTERED AT 11:04:31 ON 29 JAN 2003  
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COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 23 Jan 2003 VOL 138 ISS 5  
FILE LAST UPDATED: 23 Jan 2003 (20030123/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s 11
L4      8 L1

=> s 12 not 11
      5 L2
      8 L1
L5      0 L2 NOT L1

=> s 13 not 11
      2 L3
      8 L1
L6      0 L3 NOT L1
```

=> d 14 ti py 1-8

```
L4  ANSWER 1 OF 8  CA  COPYRIGHT 2003 ACS
TI  Short ghrelin peptides neither displace ghrelin binding in vitro nor
    stimulate GH release in vivo
PY  2002

L4  ANSWER 2 OF 8  CA  COPYRIGHT 2003 ACS
TI  Ghrelin antagonist peptides
PY  2002
    2002
    2002

L4  ANSWER 3 OF 8  CA  COPYRIGHT 2003 ACS
TI  Ghrelin analogs for use in screening compounds with growth hormone
    secretagogue receptor-activating ability and for inducing growth hormone
    secretion
PY  2001
```

L4 ANSWER 4 OF 8 CA COPYRIGHT 2003 ACS  
 TI Structure-Activity Relationship of Ghrelin: Pharmacological Study of  
 Ghrelin Peptides  
 PY 2001

L4 ANSWER 5 OF 8 CA COPYRIGHT 2003 ACS  
 TI Structural Similarity of Ghrelin Derivatives to Peptidyl Growth Hormone  
 Secretagogues  
 PY 2001

L4 ANSWER 6 OF 8 CA COPYRIGHT 2003 ACS  
 TI Structure-activity relationships of ghrelin: endogenous growth hormone  
 secretagogue  
 PY 2001

L4 ANSWER 7 OF 8 CA COPYRIGHT 2003 ACS  
 TI Novel ghrelin, their encoding DNA sequences, and their use as  
 therapeutics  
 PY 2001  
 2002  
 2002

L4 ANSWER 8 OF 8 CA COPYRIGHT 2003 ACS  
 TI Structure-Function Studies on the New Growth Hormone-Releasing Peptide,  
 Ghrelin: Minimal Sequence of Ghrelin Necessary for Activation of Growth  
 Hormone Secretagogue Receptor 1a  
 PY 2000 *I have*

=> d bib l4 1-7

L4 ANSWER 1 OF 8 CA COPYRIGHT 2003 ACS  
 AN 137:73541 CA  
 TI Short ghrelin peptides neither displace ghrelin binding in vitro nor  
 stimulate GH release in vivo  
 AU Torsello, Antonio; Ghe, Corrado; Bresciani, Elena; Catapano, Filomena;  
 Ghigo, Ezio; Deghenghi, Romano; Locatelli, Vittorio; Muccioli, Giampiero  
 CS Department of Experimental and Environmental Medicine and Biotechnologies,  
 University of Milano-Bicocca, Milan, Italy  
 SO Endocrinology (2002), 143(5), 1968-1971  
 CODEN: ENDOAO; ISSN: 0013-7227  
 PB Endocrine Society  
 DT Journal  
 LA English

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 8 CA COPYRIGHT 2003 ACS  
 AN 136:129068 CA  
 TI Ghrelin antagonist peptides  
 IN Deghenghi, Romano  
 PA Zentaris A.-G., Germany  
 SO PCT Int. Appl., 9 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002008250	A2	20020131	WO 2001-EP7929	20010710
	WO 2002008250	A3	20020822		
	W: AU, BG, BR, BY, CA, CN, CO, CZ, EE, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LT, LV, MK, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, UZ, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
PT, SE, TR  
US 2002187938 A1 20021212 US 2001-902556 20010710  
PRAI US 2000-220178P P 20000724  
OS MARPAT 136:129068

L4 ANSWER 3 OF 8 CA COPYRIGHT 2003 ACS  
AN 136:32165 CA  
TI Ghrelin analogs for use in screening compounds with growth hormone  
secretagogue receptor-activating ability and for inducing growth hormone  
secretion  
IN Bednarek, Maria  
PA Merck & Co., Inc., USA  
SO PCT Int. Appl., 37 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001092292	A2	20011206	WO 2001-US17026	20010525
	W: CA, JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
PRAI	US 2000-207920P	P	20000530		
OS	MARPAT	136:32165			

L4 ANSWER 4 OF 8 CA COPYRIGHT 2003 ACS  
AN 135:366876 CA  
TI Structure-Activity Relationship of Ghrelin: Pharmacological Study of  
Ghrelin Peptides  
AU Matsumoto, Masaru; Hosoda, Hiroshi; Kitajima, Yasuo; Morozumi, Naomi;  
Minamitake, Yoshiharu; Tanaka, Shoji; Matsuo, Hisayuki; Kojima, Masayasu;  
Hayashi, Yujiro; Kangawa, Kenji  
CS Suntory Institute for Medicinal Research & Development, Akaiwa,  
Chiyoda-machi, Ohra-gun, Gunma, 370-0503, Japan  
SO Biochemical and Biophysical Research Communications (2001), 287(1),  
142-146  
CODEN: BBRCA9; ISSN: 0006-291X  
PB Academic Press  
DT Journal  
LA English  
RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 8 CA COPYRIGHT 2003 ACS  
AN 135:175617 CA  
TI Structural Similarity of Ghrelin Derivatives to Peptidyl Growth Hormone  
Secretagogues  
AU Matsumoto, Masaru; Kitajima, Yasuo; Iwanami, Tatsuya; Hayashi, Yujiro;  
Tanaka, Shoji; Minamitake, Yoshiharu; Hosoda, Hiroshi; Kojima, Masayasu;  
Matsuo, Hisayuki; Kangawa, Kenji  
CS Suntory Institute for Medicinal Research & Development, Akaiwa,  
Chiyoda-machi, Ohra-gun, Gunma, 370-0503, Japan  
SO Biochemical and Biophysical Research Communications (2001), 284(3),  
655-659  
CODEN: BBRCA9; ISSN: 0006-291X  
PB Academic Press  
DT Journal  
LA English  
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 8 CA COPYRIGHT 2003 ACS  
AN 135:602 CA

TI Structure-activity relationships of ghrelin: endogenous growth hormone secretagogue  
AU Matsumoto, Masaru; Kitajima, Yasuo; Iwanami, Tatsuya; Morozumi, Naomi; Hayashi, Yujiro; Tanaka, Shoji; Minamitake, Yoshiharu; Hosoda, Hiroshi; Kojima, Masayasu; Matsuo, Hisayuki; Kangawa, Kenji  
CS Institute for Medicinal R&D, Suntory Limited, Gunma, 370-0503, Japan  
SO Peptide Science (2001), Volume Date 2000, 37th, 101-104  
CODEN: PSCIFQ; ISSN: 1344-7661  
PB Japanese Peptide Society  
DT Journal  
LA English

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 8 CA COPYRIGHT 2003 ACS

AN 134:142304 CA

TI Novel ghrelin, their encoding DNA sequences, and their use as therapeutics

IN Kangawa, Kenji; Kojima, Masayasu; Hosoda, Hiroshi; Matsuo, Hisayuki; Minamitake, Yoshiharu

PA Japan

SO PCT Int. Appl., 210 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001007475	A1	20010201	WO 2000-JP4907	20000724
	W: AE, AG, AL, AM, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, US, UZ, VN, YU, ZA, ZM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	BR 2000012688	A	20020416	BR 2000-12688	20000724
	EP 1197496	A1	20020417	EP 2000-946453	20000724
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	JP 1999-210002	A	19990723		
	JP 1999-338841	A	19991129		
	JP 2000-126623	A	20000426		
	WO 2000-JP4907	W	20000724		

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
15.60	37.91

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 11:06:28 ON 29 JAN 2003